Сору 27 Pages

TOP SECRET

PHOTOGRAPHIC INTERPRETATION REPORT

NPIC/R-43/63 March 1963

MISSION COVERAGE INDEX MISSION 3210 **3 JANUARY 1963**



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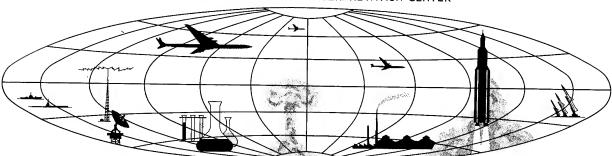


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PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX MISSION 3210 3 JANUARY 1963

NPIC/R-43/63 March 1963

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NPIC/R-43/63

PREFACE

This Mission Coverage Index (MCI) furnishes a listing of items of intelligence interest covered by aerial photography from TALENT Mission 3210, dated 3 January 1963. The photographic quality of Mission 3210 was generally good to excellent. A total malfunction of the third right (far right oblique) position occurred starting with exposure 343 and continuing to the end of the mission. Photography from Camera One (tracker camera) was scanned in the area of malfunction; however, no items of interest or any unusual activity were noted.

Major items of interest on this mission include identification of an airfield at Ho-tien, China, defense positions along the Sino-Indian Border in the Chushul area and the Galwan River valley, and a new landing strip in the Chushul area.

Items in this listing are arranged by country and within the country by WAC area. Items are arranged within a WAC by coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by country within the category, and (3) alphabetically by place name within each country.

The user of this MCI is cautioned that the scan of photography from Mission 3210 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although this information is essentially accurate, future detailed analysis may somewhat alter portions of the information. It should also be noted that some of the maps used in the readout of this area are of poor to fair reliability, resulting in some variations in names and locations.

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- 1	City, Installation	Coord	inates	WAC -		on Numbers
					BE	NPIC
I	-CHINA- DASH - POLUR CARAVAN ROUTE ROUTE COVERED FROM DASH TO POLUR (36-12N Ø81-3ØE), A DISTANCE OF APPROXIMATELY 15 NM. THIS ROUTE HAS CONSIDERABLE TRACK ACTIVITY, PRESUMABLY AS A RESULT OF ANIMALS MOVING IN A	3622N	Ø8122E	Ø334 .		
X1D	SOUTHERLY DIRECTION. SOMGUL AREA, MILITARY AREA APPROXIMATELY 3 NM SOUTH OF SOMGUL. AREA INCLUDES COMPOUND OF 5 BARRACKS AND 15-2Ø SUPPORT-TYPE BUILDINGS SURROUNDED BY A WALL, 1Ø TENTS, THREE 4-GUN AUTOMATIC WEAPONS POSITIONS, TWO 3-GUN AUTOMATIC WEAPONS POSITIONS, AND ONE 2-GUN AUTOMATIC WEAPONS	3612N	Ø7845E	Ø335		14
1D +	POSITION. SEVERAL OPEN STORAGE AREAS NOTED. CONSIDERABLE TRACK ACTIVITY OBSERVED. AREA SERVED BY TWO-LANE ROAD, PROBABLY GRAVEL SURFACED. (MAP REFERENCE WAC 335, 4TH ED, 1957.) HO-TIEN AIRFIELD AIRFIELD LOCATED APPROXIMATELY 7 NM SSW OF TOWN AT 37-Ø1N Ø79-52E. NATURAL SURFACE	37Ø1N	Ø7952E	25X1A		1
	ESE/WNW RUNWAY IS AN ESTIMATED 4,000 X 200 FT. FACILITIES INCLUDE AN OPERATIONS BUILDING WITH A CONTROL TOWER, AN ADMINISTRATION BUILDING, TWO REPAIR OR MAINTENANCE BUILDINGS, 6 LARGE AND APPROXIMATELY 6 SMALL ASSOCIATED BUILDINGS AND A POSSIBLE WALLED MOTOR POOL OR EQUIPMENT STORAGE COMPOUND. AIRCRAFT 2 PROBABLE CRATE.					
X1D						

25X1

ſ				W4.6	Installation	Numbers
	City, Installation	Coord	inates	WAC	BE	NPIC
	HO-TIEN COMPLEX CONTAINS 3 PROBABLE MILITARY AREAS, LIGHT	37Ø5N	Ø7955E	25X1A		1-A
SX1D	INDUSTRY, ADMINISTRATIVE AREAS AND STORAGE AREAS. A TEMPORARY BRIDGE SPANS THE YURUNG KASH (RIVER) AT THE SE EDGE OF TOWN. NO POL OR AMMUNITION STORAGE AREAS OBSERVED. COMPLEX AREA IS ROAD SERVED ONLY. COMPLEX IS APPROXIMATELY.9 SQ MILES IN AREA.					
5X1D	HAJI LANGAR AREA, MILITARY AREA AREA IS LOCATED IN CHINA APPROXIMATELY 12 NM NW OF HAJI LANGAR. (REPORTED AS ABDUL GHAFUR LANGAR IN SITUATION SUMMARY FOR MISSION 3210.) APPROXIMATELY 21 BUILDINGS AND APPROXIMATELY 7 TRUCKS WERE OBSERVED. THE AREA IS SERVED BY A PROBABLY 2-LANE, GRAVEL SURFACED ROAD. CONSIDERABLE TRACK ACTIVITY IN THE AREA. A PROBABLE STORAGE AREA WITH APPROXIMATELY 9 SMALL BUILDINGS IS LOCATED AT THE BASE OF HILLS ADJACENT TO MILITARY AREA. (FOUR TANKS AND FIVE ADDITIONAL VEHICLES WERE REPORTED ERRONEOUSLY IN THE SITUATION SUMMARY FOR MISSION 3210. THESE ARE BUILDINGS, PROBABLY USED FOR STORAGE).	3555N	Ø7917E	Ø432		22
	KOYUL AREA, MILITARY BARRACKS 3 NM ESE OF KOYUL。 CONSISTS OF 2 H-SHAPED BARRACKS, ONE E-SHAPED BARRACK, AND ONE L-SHAPED BARRACK, APPROXIMATELY 15 SMALLER BUILDINGS AND 18 SMALL EXCAVATIONS FOR BUILDINGS OR STORAGE.	3252N	Ø7917E	Ø432		2Ø-A

	City, Installation	Coore	dinates	WAC	Installat	ion Numbers
				WAC	BE	NPIC
1D	REVETTED STORAGE AREA, POSSIBLY FOR EXPLOSIVES, IS NORTH OF H-SHAPED BARRACKS AND A FIRING RANGE IS NORTH OF BARRACKS AREA. NUMEROUS SLIT TRENCHES OBSERVED. (MAP REFERENCE WAC 432, AMS SERIES 13Ø1 NI-44.) KOYUL AREA, AIRFIELD 3 NM EAST OF KOYUL. APPROXIMATELY 10,000 X 180 FT NW/SE EARTH RUNWAY, DELINEATED BY MARKERS, IS SERVICEABLE. FACILITIES INCLUDE SIX SUPPORT BUILDINGS, AND POL STORAGE (3 OPEN PITS WITH 2 TANKS IN EACH). OPEN STORAGE OBSERVED AT AIRFIELD AND AT BASE OF HILL IMMEDIATELY WEST OF AIRFIELD. POSSIBLE AMMUNITION STORAGE (3 REVETTED BUILDINGS) IS ALSO AT BASE OF HILL TO THE WEST. AT LEAST EIGHT GUN POSITIONS AND NUMEROUS HUTS ON TOP OF HILL TO THE WEST. FOUR VANS ARE IN THE AREA.	3255N	Ø7916E	Ø432		20
(1D	AIRCRAFT NONE OBSERVED. CHUSHUL AREA, MILITARY INSTALLATIONS 28 NM SSE OF CHUSHUL BETWEEN 33-12N Ø78-57E AND 33-11N Ø78-41E. SEVEN MILITARY AREAS ARE SITUATED ON BOTH THE NORTH AND SOUTH BANKS OF THE INDUS RIVER. THEY INCLUDE ONE BARRACKS AREA AND NUMEROUS GUN POSITIONS, TRENCHES AND OPEN STORAGE. (FOR COMPLETE DESCRIPTION, A DETAILED REPORT WILL FOLLOW.) (MAP REFERENCE AMS SERIES 13Ø1,	3312N	Ø7857E	Ø432		21-0
(1D	SHEET NI-44-1					

NPIC/R-43/63 25X1 TOP SECRET Installation Numbers WAC Coordinates NPIC BE City, Installation 21-C Ø432 CHUSHUL AREA, MILITARY STRONGPOINT 3327N Ø7846E 11 NM SE OF CHUSHUL. THIS MILITARY STRONGPOINT INCLUDES A SERIES OF TRENCHES, UNOCCUPIED GUN POSITIONS, AN ENCAMPMENT, FIRING POSITIONS, STORAGE FACILITIES, AND NUMEROUS SMALL BUILDINGS. TWO VEHICLES ARE OBSERVED IN THE AREA. (FOR COMPLETE DESCRIPTION, A DETAILED REPORT IS BEING PREPARED.) (MAP REFERENCE -- AMS SERIES 13Ø1 SHEET NI-44.) 25X1D 21-D Ø432 3329N Ø7853E CHUSHUL AREA, MILITARY STRONGPOINT 12 NM SE OF CHUSHUL. THIS PARTIALLY-FENCED MILITARY STRONGPOINT INCLUDES A TRENCH SYSTEM, NUMEROUS FIRING POSITIONS AND FOXHOLES, GUN POSITIONS, 2 PROBABLE PILL BOXES, AMMUNITION STORAGE BUNKERS AND SUPPORT BUILDINGS. (FOR COMPLETE DESCRIPTION, A DETAILED REPORT IS BEING PREPARED.) (MAP REFERENCE -- AMS SERIES 1301 SHEET NI-44.) 25X1D 21 3334N Ø7844E Ø432 CHUSHUL AREA, AIRFIELD 4.5 NM SE OF CHUSHUL. SERVICEABLE NW/SE BLACKTOP RUNWAY, 5,500 X APPROXIMATELY 100 FT, WITH 2,600 FT OVERRUN TO NW AND 1,400 FT OVERRUN TO SE. FACILITIES INCLUDE AN OCCUPIED, COVERED 4-GUN POSITION, 2 OPEN PITS WITH 3 POL TANKS IN EACH, A NAVIGATIONAL AID, A TOWER, 5 QUONSET HUTS, EXTENSIVE QUANTITIES OF OPEN STORAGE, AND AT LEAST 15 STORAGE BUILDINGS. THREE ADMINISTRATION OR BARRACKS AREAS ARE PRESENT -- WESTERN AREA INCLUDES 2 LARGE

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H-SHAPED, 2 U-SHAPED, AND 3 ADDITIONAL BUILDINGS, 2 OF WHICH ARE UNDER CONSTRUCTION. NORTHERN AREA INCLUDES 3 U-SHAPED, 2 L-SHAPED, AND 2 OTHER BUILDINGS. EASTERN AREA IS FENCED ON 3 SIDES. TO THE NORTH AND EAST OF AIRFIELD ARE 14 LINEAR TRENCHES FOR PERSONNEL OR STORAGE, A FEW OF WHICH ARE COVERED. AIRCRAFT NONE OBSERVED. (SEE ALSO DETAILED REPORT ON THIS AREA.) (MAP REFERENCE WAC 432, AMS SERIES 1301, SHEET NI-44)	WAC	Installation Numbers BE NPIC
BUILDINGS, 2 OF WHICH ARE UNDER CONSTRUCTION. NORTHERN AREA INCLUDES 3 U-SHAPED, 2 L-SHAPED, AND 2 OTHER BUILDINGS. EASTERN AREA IS FENCED ON 3 SIDES. TO THE NORTH AND EAST OF AIRFIELD ARE 14 LINEAR TRENCHES FOR PERSONNEL OR STORAGE, A FEW OF WHICH ARE COVERED. AIRCRAFT NONE OBSERVED. (SEE ALSO DETAILED REPORT ON THIS AREA.) (MAP REFERENCE WAC 432, AMS SERIES 1301.		DE NPIC
25X1D CHUSHUL AREA, MILITARY STRONGPOINTS BETWEEN SPANGGUR TSO (LAKE) AND CHUSHUL AREA, AIRFIELD. NUMEROUS STRONGPOINTS INCLUDING TRENCHES WITH FIRING BAYS, PILL BOXES, MINE FIELD, OPEN STORAGE, BUILDINGS, AND FENCES. CONSIDERABLE TRACK ACTIVITY NOTED. (FOR COMPLETE DESCRIPTION, A DETAILED REPORT IS BEING PREPARED.) (MAP REFERENCE AMS SERIES 1301, SHEET NI-44). 25X1D CHUSHUL MILITARY COMPLEX THIS COMPLEX INCLUDES 2 BARRACKS AREAS, NUMEROUS STORAGE BUILDINGS, THREE MOTOR POOLS, OPEN STORAGE, MANY SMALL SUPPORT BUILDINGS AND FIRING POSITIONS. (FOR A COMPLETE DESCRIPTION, A DETAILED REPORT IS BEING PREPARED.) (MAP REFERENCE AMS SERIES 1301 SHEET NI-44)		21-E

25X1

TOP SECRET Installation Numbers WAC Coordinates NPIC City, Installation BF 24: 3343N Ø7852E Ø432 PANGONG TSO (LAKE) MILITARY STRONGPOINTS NORTH AND SOUTH SHORES OF EASTERN HALF OF PANGONG TSO (LAKE). NUMEROUS STRONGPOINTS INCLUDE TRENCHES, FIRING BAYS, GUN POSITIONS, REVETTED STORAGE AND SEVERAL SUPPORT BUILDINGS. (FOR A COMPLETE DESCRIPTION, A DETAILED REPORT IS BEING PREPARED.) (MAP REFERENCE -- AMS SERIES 1301, SHEET NI-44) 25X1D 21-F 3344N Ø7828E Ø432 CHUSHUL AREA, LANDING STRIP APPROXIMATELY 11 NM NW OF CHUSHUL ALONG THE EAST SIDE OF A STREAM. APPROXIMATELY 4,000 X 140 FT NW/SE NATURAL SURFACE LANDING STRIP IS SERVICEABLE. NO FACILITIES OBSERVED. AIRCRAFT -- ONE C-119 PARKED JUST OFF NW END OF STRIP. (SEE ALSO DETAILED REPORT ON THIS AREA.) (MAP REFERENCE -- AMS SERIES 1301. SHEET NI-44.) 25X1D 21-B Ø432 3359N Ø7823E CHUSHUL AREA. MILITARY ENCAMPMENTS 30 NM NW OF CHUSHUL. CAMP INCLUDES NUMEROUS TENTS, A 4-GUN POSITION (OCCUPANCY CANNOT BE DETERMINED), OPEN STORAGE, A FEW SMALL BUILDINGS AND A FEW VEHICLES. A SECOND CAMP 2 NM NW OF THE FIRST INCLUDES TENTS AND NUMEROUS TRUCKS. (FOR A COMPLETE DESCRIPTION, A DETAILED REPORT IS BEING PREPARED.) (MAP REFERENCE -- AMS SERIES 1301, SHEET NI-44.)

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1	City, Installation	Coor	dinates	WAC	Installati BE	on Numbers
25X1	D			25X1A		NE
25X1[LEH AIRFIELD 2 NM.SW OF LEH. AIRFIELD HAS A SINGLE NE/SW ASPHALT RUNWAY, APPROXIMATELY 5,500 X 150 FT, PROBABLY SERVICEABLE. UNIDENTIFIED SUPPORT FACILITIES ARE LOCATED ON WEST SIDE OF RUNWAY.	3409N	Ø7734E	23/1/4		17
25X1D	CHANG CHENMO MILITARY AREA AT TSOLU. A SMALL UNSECURED AREA IS ON SOUTH BANK OF CHANG CHENMO RIVER. A TRAIL IS VISIBLE ALONG SOUTH BANK OF RIVER. IN THE AREA ARE 2 SMALL TENTS, SEVERAL BUILDINGS AND A SMALL AMOUNT OF PROBABLE OPEN STORAGE. A POSSIBLE HELIPORT IS LOCATED JUST SOUTH OF THE AREA ON A SMALL PLATEAU.	3417N	Ø7844E	Ø432		8
	GALWAN RIVER, DEFENSIVE AREA GALWAN RIVER VALLEY APPROXIMATELY 25 NM SW OF SUMDO. THREE DEFENSIVE AREAS INCLUDING AUTOMATIC WEAPONS POSITIONS AND MANY TRENCHES WERE OBSERVED. MAIN AREA CONTAINS 26 LARGE AND 2 SMALL TENTS AND ONE PYRAMID TENT. A STRONG POINT CONSISTING OF 3 TRENCHES IS LOCATED APPROXIMATELY 5 NM WEST OF MAIN AREA ON THE SOUTH SIDE OF THE RIVER. A SECOND STRONG POINT IS LOCATED APPROXIMATELY 3 NM SOUTH OF MAIN AREA. (MAP REFERENCE AMS SERIES 13Ø1, SHEET NI-44,3RD ED FEB 53.)	344ØN	Ø783ØE	Ø432		23

25X1

25X1

TOP SECRET Installation Numbers Coordinates NPIC City, Installation BE 9-A 3516N Ø7848E Ø432 QIZIL JILGA-CHIPCHAP RIVER ROAD SINGLE LANE, NATURAL SURFACE ROAD CONSTRUCTED ALONG WESTERN EDGE OF QARA QASH (RIVER) AND OBSERVED FROM QIZIL JILGA TO CHIPCHAP RIVER. POLES SPACED AT INTERVALS ALONG BOTH SIDES OF THE ROAD MAY SERVE FOR LAND-LINE COMMUNICATIONS OR POWER. 25X1D -NEPAL-19 2643N Ø8556E Ø553 JANAKPUR-LALBHITTI, NEW ROAD U/C A NATURAL SURFACE ROAD IS UNDER CONSTRUCTION FROM TOWN OF JANAKPUR NORTH TO TOWN OF LALBHITTI (26-59N Ø85-56E). NO MAJOR BRIDGES OBSERVED. 25X1D 19-A 2643N Ø8556E Ø553 JANAKPUR AREA, PROB RAILROAD U/C ROADBED FOR A RAILROAD EXTENDS FROM TOWN OF JANAKPUR TO A POINT 2 NM NW OF TOWN OF RAMNAGAR. SEVERAL BRIDGES OBSERVED. (MAP REFERENCE -- AMS U-502, SHEET NG 45-6, 1ST ED 2-62.) 25X1D 25X1A 18-A 2742N Ø8519E KATMANDU COMPLEX KATMANDU IS ABOUT 4 SQ MI IN AREA. AIRFIELD IS LOCATED 3 NM EAST OF KATMANDU. (MAP REFERENCE -- AMS SERIES U-502 SHEET N645-1, 1ST ED.) 25X1D

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	City, Installation	Coor	rdinates	WAC		on Numbers
	ATMANDU AIRFIELD 3 NM EAST OF KAIMANDU. NNW/SSE ASPHALT RUNWAY IS 3,600 X 150 FT AND SERVICEABLE. FACILITIES ARE LOCATED ON THE WEST SIDE OF AIRFIELD. AIRCRAFT FOUR UNIDENTIFIED TRANSPORTS (THREE OF WHICH ARE PROBABLE C-47 TYPE), TWO SMALL LIAISON. TWO HELICOPTERS.	2742N	Ø8522E	25X1A	BE	18
	-TIBET- R DZONG COMPLEX THIS IS A SMALL TOWN SURROUNDED BY A WALL. NORTHERN SECTION APPEARS TO CONSIST OF MILITARY BARRACKS AND SOUTHERN SECTION APPEARS TO CONSIST OF NATIVE SETTLEMENT AND ALSO CONTAINS A COMMUNICATIONS STATION. SEVERAL GROUPS OF BUILDINGS ARE ALSO LOCATED OUTSIDE OF THE WALL. TWELVE NEW BUILDINGS HAVE BEEN ADDED	3212N	Ø 7 958E	Ø432		7
(1D [R DZONG ARMY BARRACKS TOWN ENCIRCLED BY A WALL AND A DRY MOAT. ALONG THE WALL ARE 17 GUARD TOWERS AND NUMEROUS FIRING BAYS. NORTHERN SECTION OF TOWN APPEARS TO CONSIST OF MILITARY BARRACKS. TWO AA SITES HAVE BEEN ABANDONED AT LEAST 16 VEHICLES ARE WITHIN WALL AT NURTH END OF TOWN.	3212N	Ø7958E	23/11/		- 7-1

25X1

25X1

TOP SECRET Installation Numbers WAC Coordinates NPIC BE City, Installation 7-B Ø7958E Ø432 3212N GAR DZONG-RUDOG ROAD IMPROVED, PROBABLE SINGLE-LANE, NATURAL SURFACE ROAD OBSERVED FROM RUDOG (33-27N Ø79-42E) TO GAR DZONG (32-12N Ø79-58E). NEW ALIGNMENT NOTED ON NE SIDE OF GARTANG RIVER WITH CUT AND FILL TO THE INDUS RIVER. OLD ROAD IS ON SW SIDE OF GARTANG RIVER. ROAD TO RUDOG TURNS EAST AND FOLLOWS THE SOUTH BANK OF THE INDUS RIVER TO APPROXIMATELY 32-29N Ø79-55E, WHERE IT CROSSES THE INDUS RIVER ON A 25X1D DECK-TYPE BRIDGE (OBLIQUITY PRECLUDES MEASUREMENT OF BRIDGE). POSSIBLE REST AND REFUELING POINTS ARE AT 25X1D 33-12N Ø79-49E 32-29N Ø79-55E ALL STREAMS, EXCEPT THE INDUS RIVER, ARE FORDED. FOUR VEHICLES WERE OBSERVED. NO ROAD NOTED FROM 32-48N Ø79-49E TO TASHIGONG. (MAP REFERENCE -- AMS SERIES 1301, SHEET NI-44.) 25X1D 7-C 3212N Ø7958E Ø432 GAR DZONG, COMMUNICATIONS STATION LOCATED IN THE SOUTHERN SECTION OF GAR DZONG. CONSISTS OF 4 TALL STICK MASTS AND TWO VEHICLES, PROBABLY ASSOCIATED WITH THE STATION. 25X1D 6-B Ø432 3232N Ø7938E TASHIGONG, MILITARY STRONGPOINT Ø.5 MILES WEST OF TASHIGONG. STRONGPOINT INCLUDES A TRENCH SYSTEM ON A SMALL HILL, NUMEROUS FIRING POSITIONS, APPROXIMATELY 6 BUNKERS AND 5 OR 6 SMALL BUILDINGS. STRONGPOINT IS ROAD SERVED, ENCLOSED BY A WIRE FENCE, AND PARTIALLY

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City, Installation	Coor	rdinates	WAC	Installat	ion Numbers
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ENCLOSED BY A TRENCH ALONG THE BHILL. (MAP REFERENCE AMS SERIES 130 5X D	E OF THE	,			
TASHIGONG COMPLEX			25X1A		1
SMALL VILLAGE AND WALLED MONASTE	3232N	Ø7941E	ļ		6
TASHIGONG - LEH ROAD SINGLE-LANE, NATURAL SURFACE ROA FROM TASHIGONG TO 33-59N Ø78-11E APPROXIMATELY 33 NM NW OF CHUSHU SERVICEABLE, SEVERAL VEHICLES NO REFERENCE AMS SERIES 13Ø1 SHE	ROAD IS	Ø7941E	0432		6-4
TASHIGONG AREA, MILITARY STRONGPOIN APPROXIMATELY 22 NM NNW OF TASHIC MILITARY STRONG POINT AT THE BASE THE SIDE OF A STEEP HILL CONSISTS 4 UNOCCUPIED GUN POSITIONS, SEVER AND SEVEN BUILDINGS. A TRENCH AND POSITION EXTEND ACROSS THE CREST (MAP REFERENCES WAC 432, AMS S SHEET NI-44.)	ND ALONG F AT LEAST FOXHOLES, 4-GUN	Ø7938E	0432		6-0
DAMBU GURU AREA, PROBABLE MILITARY 28 NM NORTHEAST OF CHUSHUL. CAMP CONSISTS OF TWO LONG BARRACK BUILDINGS AND APPROXIMATELY NINE PROBABLE BUILDINGS. THE AREA IS PARTIALLY ENCLOSED BY A WALL. (MAP REFERENCE AMS SERIES 1301	OR STORAGE ALL	Ø7855E	Ø432		25

				WAC	Installation	n Numbers
	City, Installation	Coor	dinates	WAC	BE	NPIC
(1D	NI-44, 3RD ED, FEB 53.) RUDOG ARMY CAMP LOCATED JUST NORTH OF RUDOG. WALLED COMPOUND WITH 10 GUARD TOWERS CONTAINS BARRACKS-TYPE AND STORAGE BUILDINGS AT ITS	3327N	Ø7942E	25X1A		5
(1D	CENTER AND A NUMBER OF SCATTERED, SMALL SHEDS. TWELVE VEHICLES ARE OBSERVED. RUDOG COMPLEX TOWN SITUATED ON A SHARPLY RISING HILL LOCATED 8 NM SW OF THE NYAK TSHO (LAKE). A LARGE MONASTERY LOCATED ON THE HILL TOP DOMINATES	332 7 N	Ø7942E	Ø432		5-A
1D	THE TOWN. THE RESIDENTIAL AREA IS AT THE BASE OF THE HILL ON THE EAST SLOPE. RUDOG-YARKAND ROAD NATURAL SURFACE, IMPROVED, SINGLE-LANE ROAD OBSERVED FROM RUDOG (33-27N Ø79-4ØE) TO LIMITS OF COVERAGE AT APPROXIMATELY (33-35N Ø8Ø-1ØE). AREA AT 33-4ØN Ø8Ø-2ØE CONTAINS ABOUT 3 BUILDINGS, TWO PARTIALLY WALLED AREAS	3327N	Ø7942E	Ø432		5-B
1D	RUDOG-CHUSHUL ROAD IMPROVED, PROBABLE SINGLE-LANE, NATURAL SURFACE ROAD OBSERVED FROM RUDOG WEST TO 33-28N Ø79-27E AND FROM 33-22N Ø79-15E TO CHUSHUL. THE ROAD FOLLOWS THE SOUTH SHORE OF SPANGGUR TSO (LAKE) INSTEAD OF THE NORTH	3327N	Ø7942E	Ø432		5 - C

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 i	City, Installation	Coordinates	WAC	Installation	Numbers
	City, installation	Cobrainates	WAC.	BE	NPIC
25X1	SHORE (AS INDICATED ON AMS SERIES 1301 SHEET NI-44). EAST OF SPANGGUR TSO, THE ROAD RUNS SOUTHEAST, CLOSELY FOLLOWING A STREAM, PASSES NORTH OF SHALDAT TSHO THEN PASSES NORTHEAST TO RUDOG.	·			
25X1D	NOH AREA, MILITARY ACTIVITY 2 NM SW OF NOH. TWO BUILDINGS, 6 TENTS AND 10 REVETMENTS ARE ENCIRCLED BY A TRENCH. THREE OTHER BUILDINGS ARE OUTSIDE THE TRENCHED AREA. NO VEHICLES OBSERVED.	3337N Ø795ØE	Ø432		16-A
25X1L	GIRANG DZONG AREA, STRONGPOINT APPROXIMATELY 8 NM SE OF GIRANG DZONG ON THE TIBET-NEPAL BORDER AT APPROXIMATELY 28-19N Ø85-21E IS A STRONGPOINT CONSISTING OF 3 LARGE AND 4 SMALL BUILDINGS AND A TRENCH SYSTEM WITH 2 FIRING BAYS.	2819N Ø8521E	Ø438		13-A
25X1	TINGRI DZONG-KATMANDU ROAD ROAD OBSERVED IN NEPAL ONLY BETWEEN KATMANDU (27-42N Ø85-19E) AND THE TOWN OF CHAUTARA (27-46N Ø85-42E). A TOTAL OF 5 BRIDGES AND 4 PROBABLE VEHICLES WERE OBSERVED ALONG THE ROAD. NO NEW ROAD CONSTRUCTION WAS OBSERVED.	2835N Ø8638E	Ø438		4-C
	TRADUM-CHIU GOMPA ROAD A SECTION OF THE SAKYA GOMPA-GARTOK ROAD, THIS SINGLE-LANE, NATURAL SURFACE ROAD WAS OBSERVED FROM TRADUM TO CHIU GOMPA (30-46N 081-21E). ALL STREAMS ARE FORDED. NO VEHICLES OR	2937N Ø8412W	Ø438		7-B

13

	City, Installation	C	dinates	WAC	Installatio	n Numbers
(1D	ACTIVITY OBSERVED.				BE	NPIC
X1D	TRADUM-NAMASHI ROAD A SINGLE-LANE NATURAL SURFACE ROAD OBSERVED FROM TRADUM SOUTH TO THE MOUNTAINS NEAR NAMASHI (29-20N 083-58E). STREAMS ARE FORDED. NO VEHICLES NOTED.	2938N	Ø8411E	Ø438		7-A
10	DONGBO AREA, POSSIBLE OUTPOST 5.5 NM WNW OF DONGBO, SITUATED ON ROAD 1.5 NM OFF MAIN TRADUM-GARTOK ROAD. OUTPOST CONSISTS OF 2 BUILDINGS APPROXIMATELY 20 X 125 AND 20 X 200 FT. TRENCHES ARE LOCATED ON SOUTHERN SIDE OF AREA. NUMEROUS CORRALS AND YAKS IN THE AREA.	2955N	Ø8334E	Ø439		5
1D	TAKLAKHAR-CHIU GOMPA ROAD SINGLE LANE, NATURAL SURFACE ROAD WAS OBSERVED. STREAMS ARE FORDED. ONE VEHICLE WAS OBSERVED ON ROAD. A PROBABLE STRONGPOINT ON A HILL ONE NM NORTH OF GARU CONSISTS OF A TRENCH LINE AT ITS MILITARY CREST (30-17N 081-10E).	3Ø15N	Ø811ØE	ø439 25X1A		2
K1D	TAKLAKHAR ARMY BARRACKS GENERAL AREA IDENTIFICATION ONLY.	3Ø15N	Ø811ØE			2-A

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	City, Installation	Coor	Coordinates	WAC	Installatio	on Numbers
				""	BE	NPIC
	TOGCHHEN STRONGPOINT APPROXIMATELY ONE NM SE OF TOGCHHEN ALONG LHASA-GARTOK ROAD. TRENCHES AND 4 AUTOMATIC WEAPONS POSITIONS ARE ON BLUFFS IMMEDIATELY BEHIND A SMALL BUILDING ON THE ROAD. A RIFLE RANGE IS NEXT	3Ø43N	Ø8145E	Ø439		8
25X1I	TO THE DOAD NO MENTOLES OF SHEELS	3046N	Ø8121E	Ø439		3-A
25X1D	SEGMENT OF THIS ROAD BETWEEN GARTOK AND GAR DZONG IS NEW AND IS ON THE NE SIDE OF THE GARTANG RIVER. THE OLD ROAD IS ON THE SW SIDE OF THE RIVER AND APPEARS SERVICEABLE. PARYANG AREA, MILITARY INSTALLATION 7 NM SOUTH OF PARYANG AND 50 NM NW OF TRADUM. A SMALL WALLED AREA WITH GUARD TOWERS AT ALL FOUR CORNERS AND ENCIRCLED BY A PERSONNEL TRENCH WITH NUMEROUS FIRING BAYS. NINE LARGE TENTS ARE INSIDE WALLED AREA. NO VEHICLES OBSERVED. APPROXIMATELY 3 NM SOUTH OF THIS AREA ALONG THE RIVER ARE NUMEROUS TRENCHES WITH FIRING BAYS. A SINGLE-LANE DIRT ROAD CONNECTS THE TWO AREAS.	3000N	Ø832ØE	Ø439		6

TOP SECRET		T	Installation Numbers
City, Installation	Coordinates	WAC	BE NPIC
GARTOK COMPLEX	3145N Ø8Ø22E		1-A
SMALL TOWN.		25X1A	
	:		
			,

•	
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25X1 TOP SECRET

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GARTOK COMPLEX RUDOG COMPLEX TASHIGONG COMPLEX

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APPENDIX

EXPLANATION OF COLUMN HEADINGS

AND PHOTO REFERENCES

<u>City</u>, <u>Installation</u>--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

<u>Coordinates</u>--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\text{WAC--}}$ This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers--The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second column lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since the installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0438-1 and an NPIC target numbered 0439-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.

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